

FIG. 1

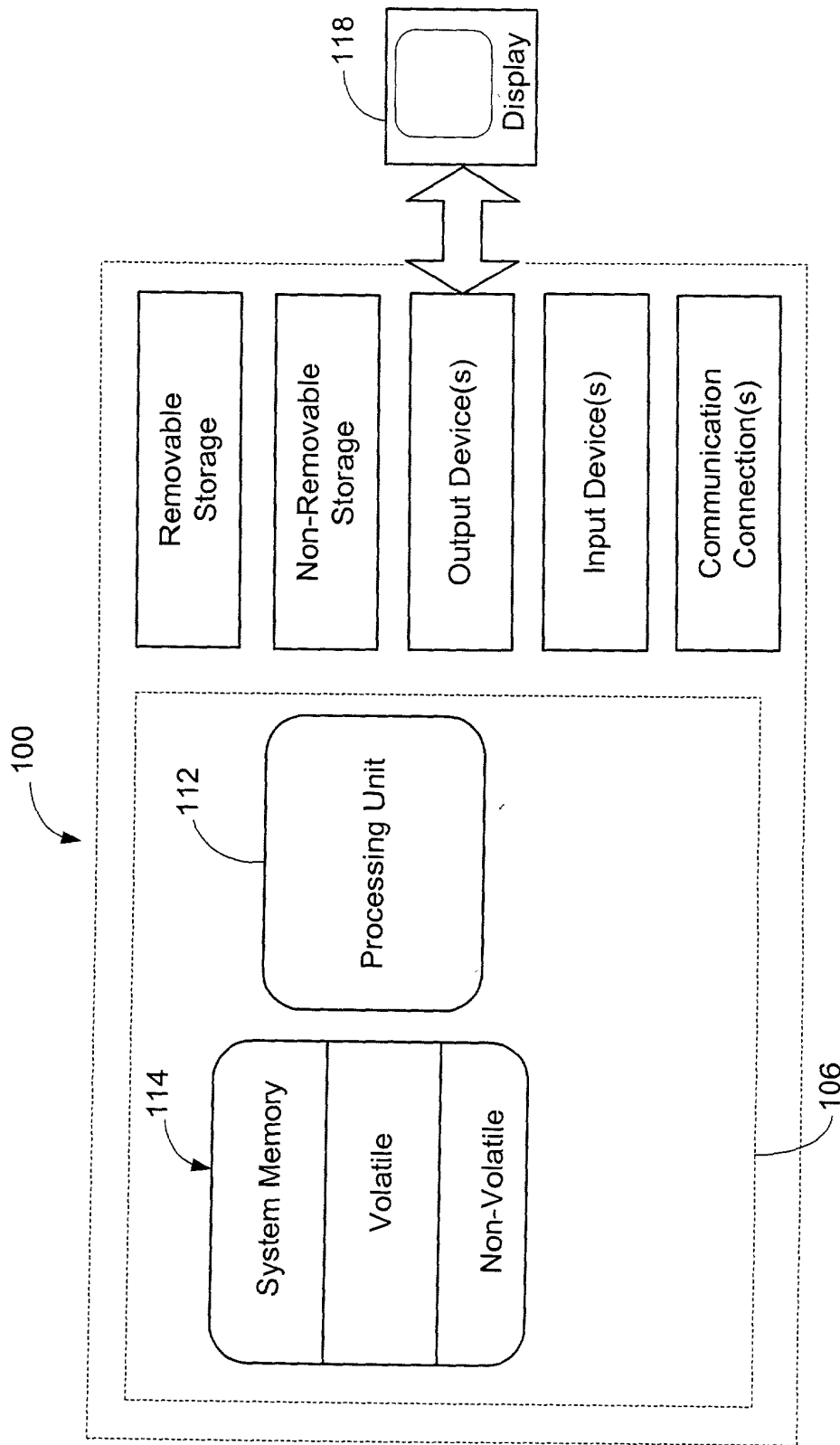


FIG. 2

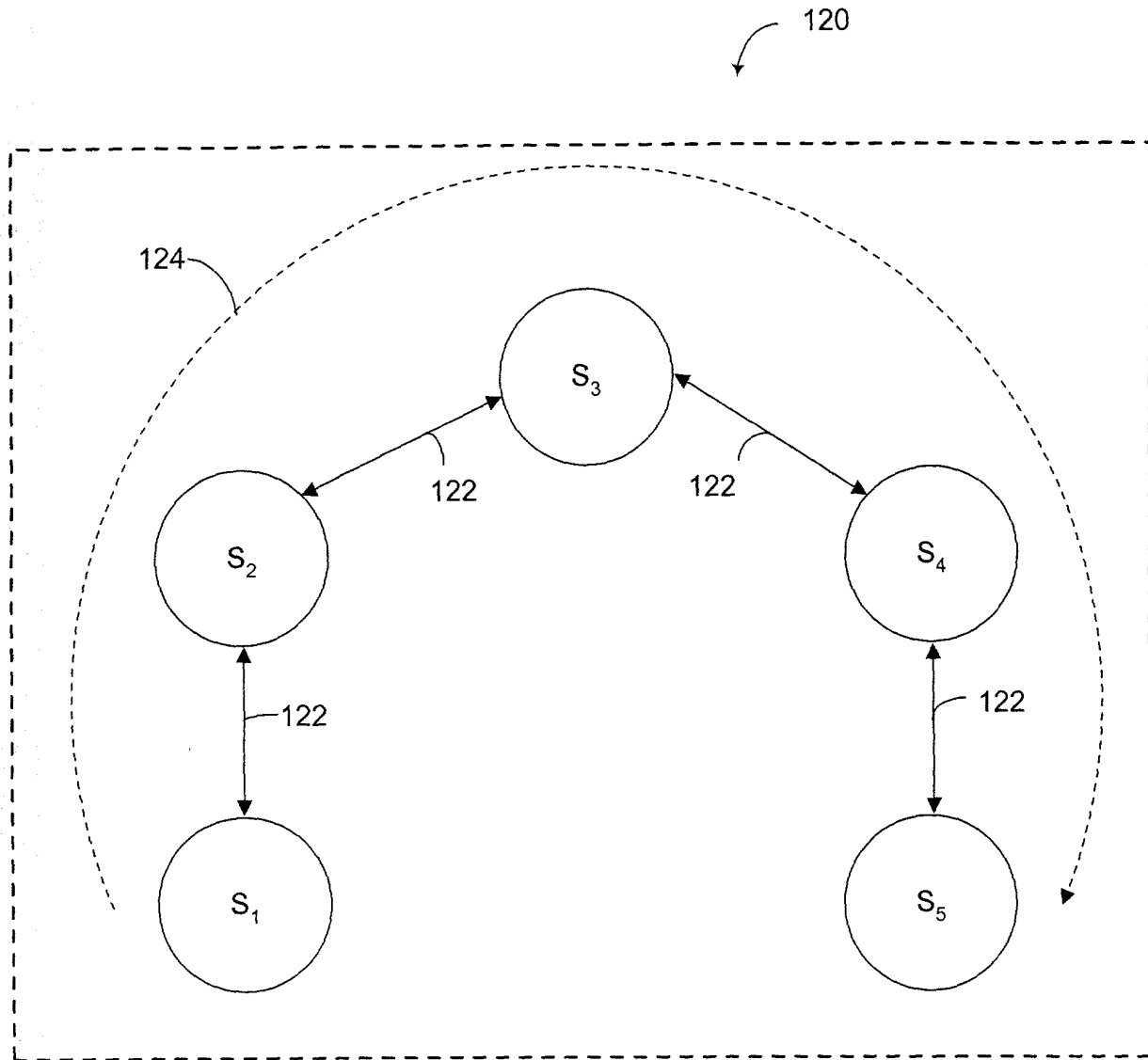


FIG. 3

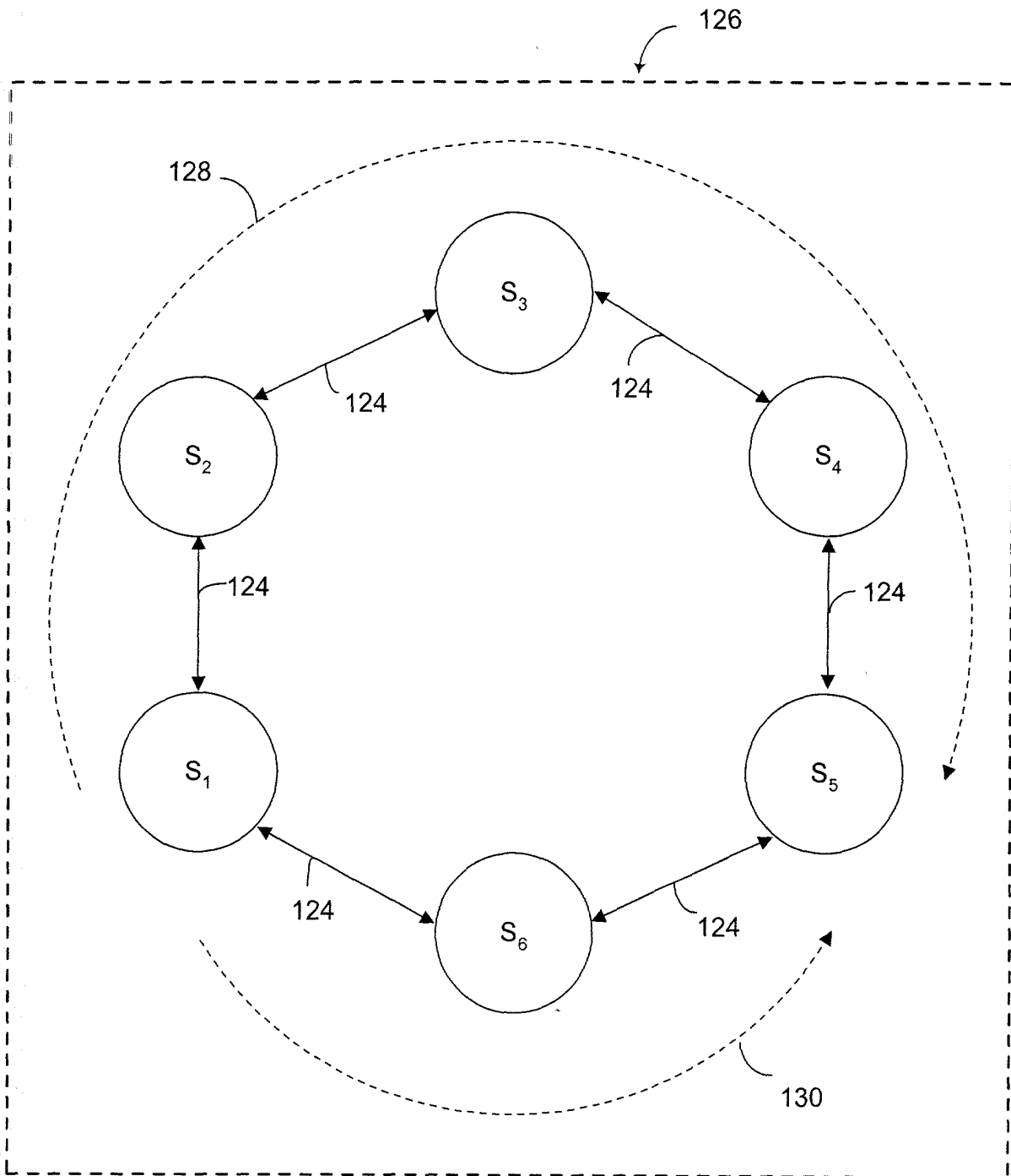


FIG. 4

132

| 134 SERVER ID | 136 UPDATE SERIAL NUMBER (USN) | 138 LAST SUCCESSFUL REPLICATION TIMESTAMP (LSRT) |
|------------------|-----------------------------------------|--------------------------------------------------------------|
| S ₁ | 37 | 2001/11/12, 11:47 p.m. |
| S ₂ | 202 | 2001/11/13, 10:02 a.m. |
| S ₃ | 76 | 2001/11/13, 10:31 a.m. |
| S ₄ | 64 | 2001/11/13, 06:03 a.m. |
| S ₅ | 189 | 2001/11/13, 08:58 a.m. |
| S ₆ | 101 | 2001/11/13, 02:34 a.m. |

FIG. 5a

140

| 142 SERVER ID | 144 UPDATE SERIAL NUMBER (USN) | 146 LAST SUCCESSFUL REPLICATION TIMESTAMP (LSRT) |
|------------------|-----------------------------------------|--------------------------------------------------------------|
| S ₁ | 37 | 2001/11/12, 11:47 p.m. |
| S ₂ | 202 | 2001/11/13, 10:02 a.m. |
| S ₃ | 76 | 2001/11/13, 11:11 a.m. |
| S ₄ | 65 | 2001/11/13, 10:29 a.m. |
| S ₅ | 189 | 2001/11/13, 08:58 a.m. |
| S ₆ | 101 | 2001/11/13, 02:34 a.m. |

FIG. 5b

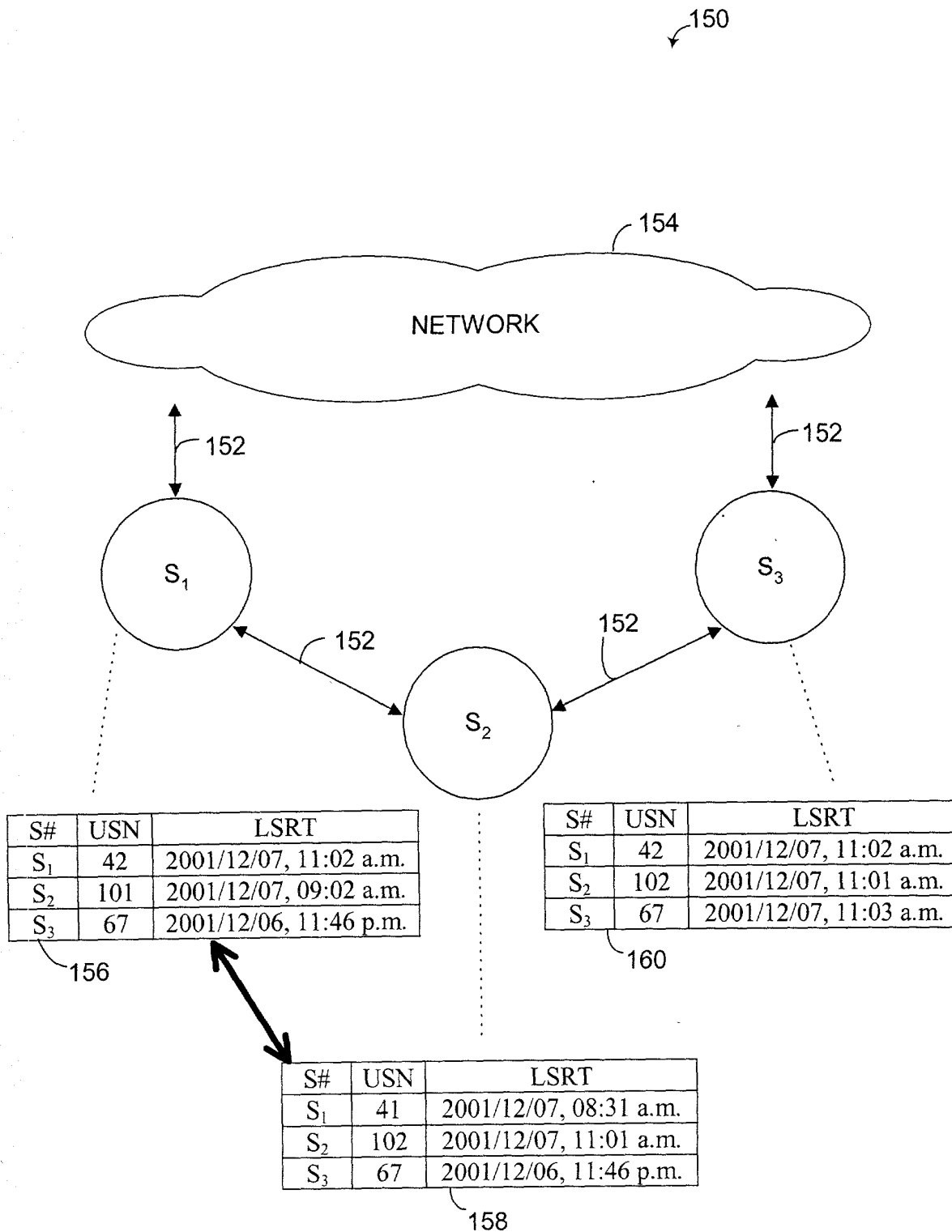


FIG. 6a

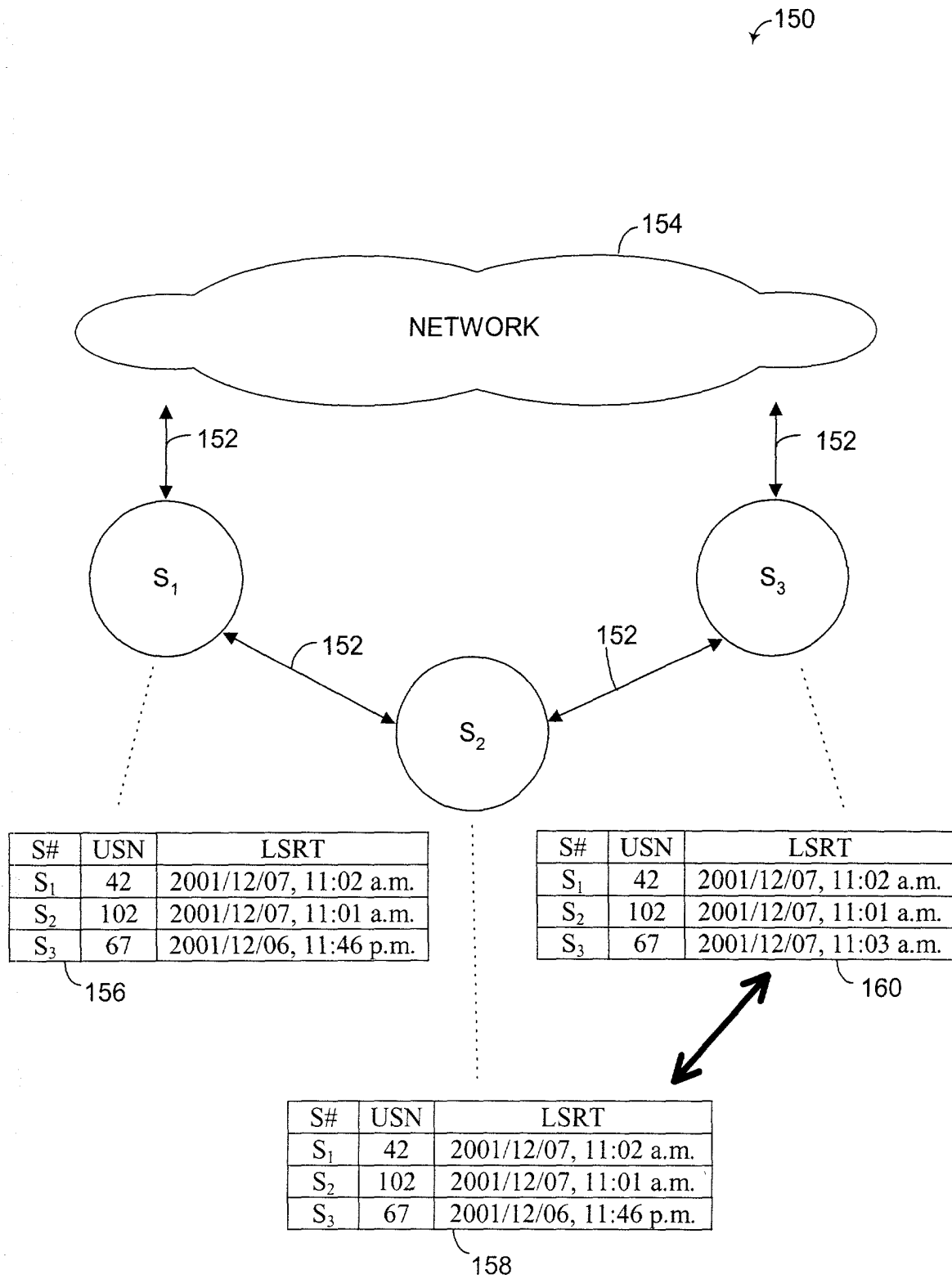


FIG. 6b

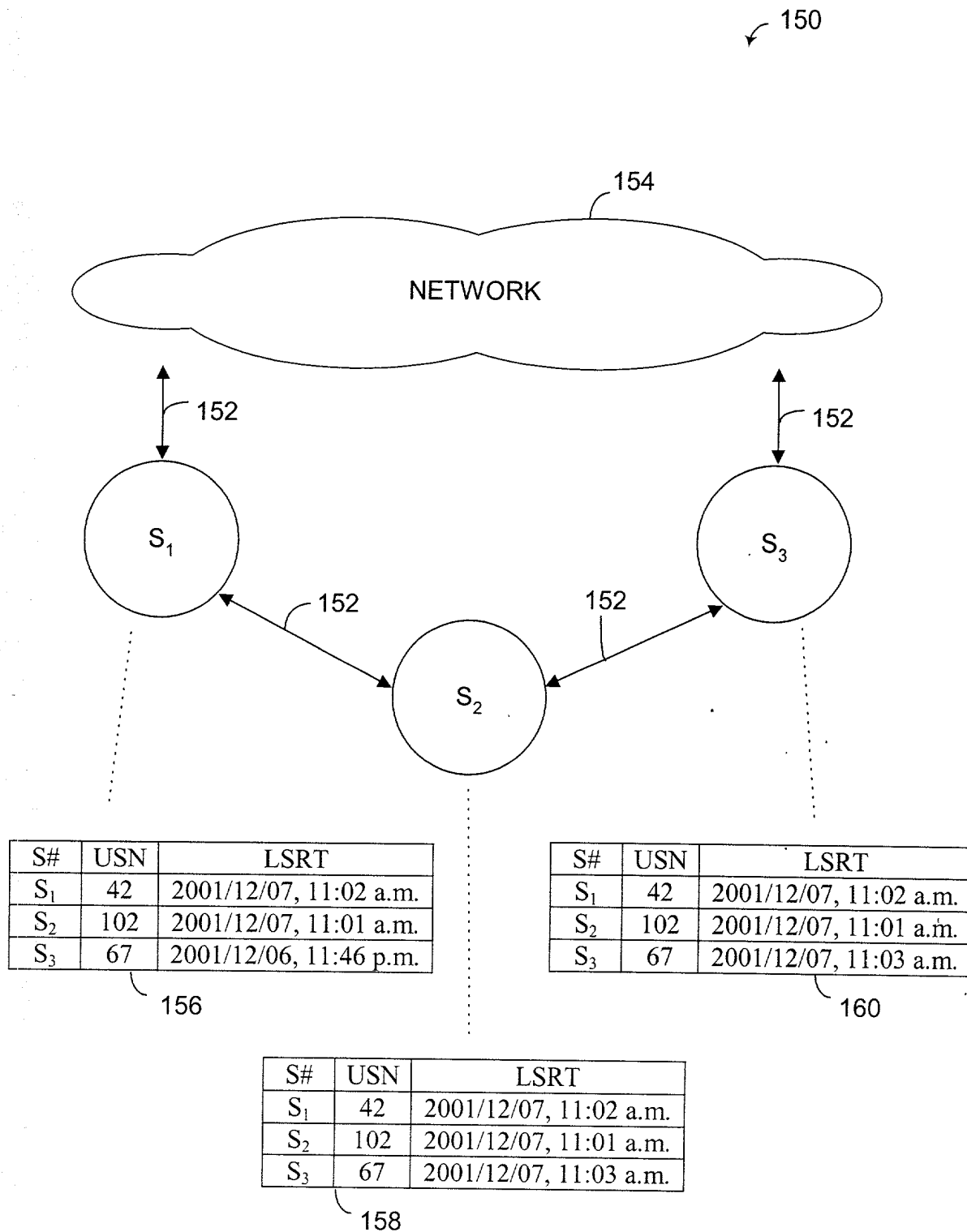


FIG. 6c

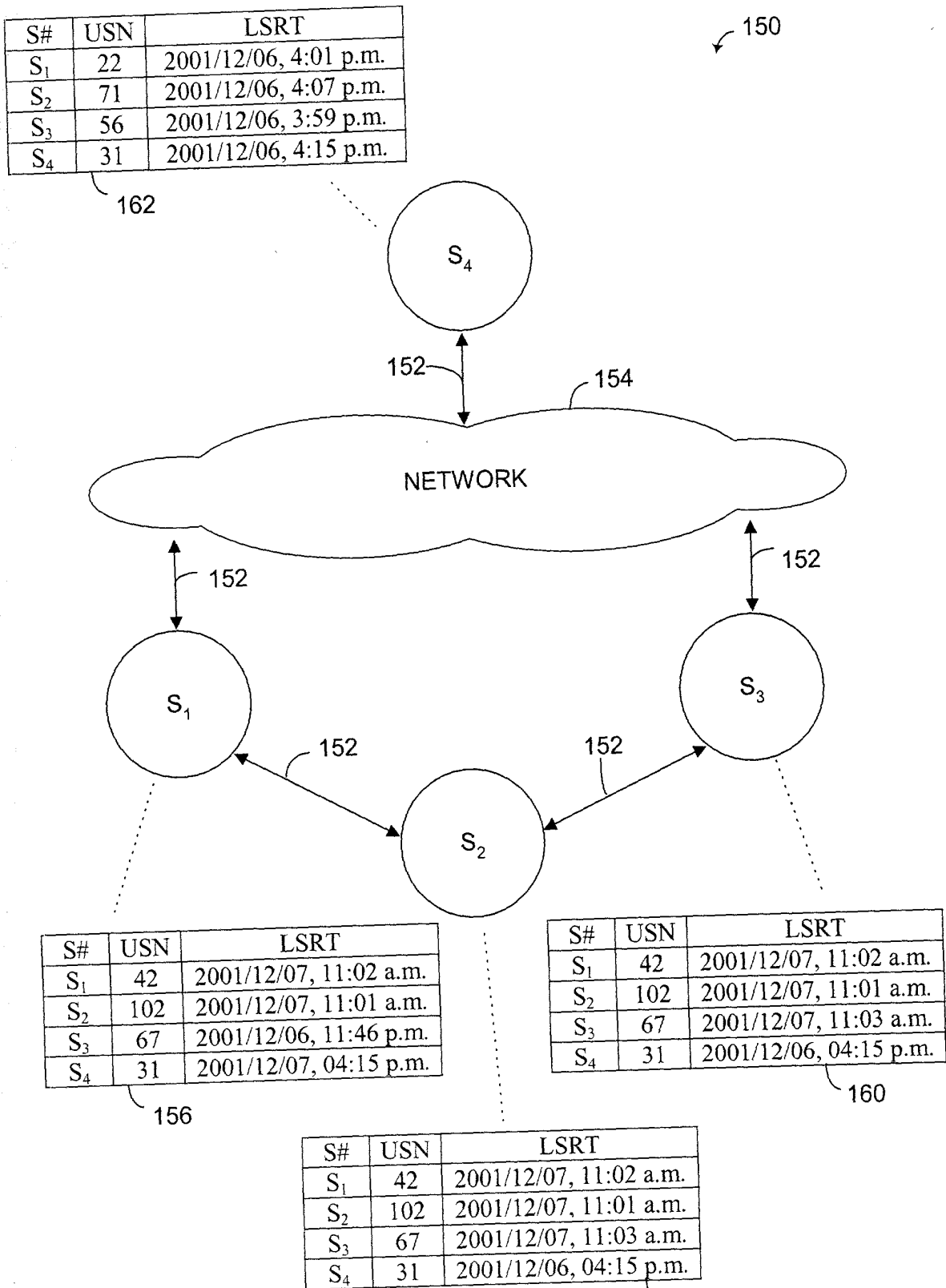


FIG. 6d

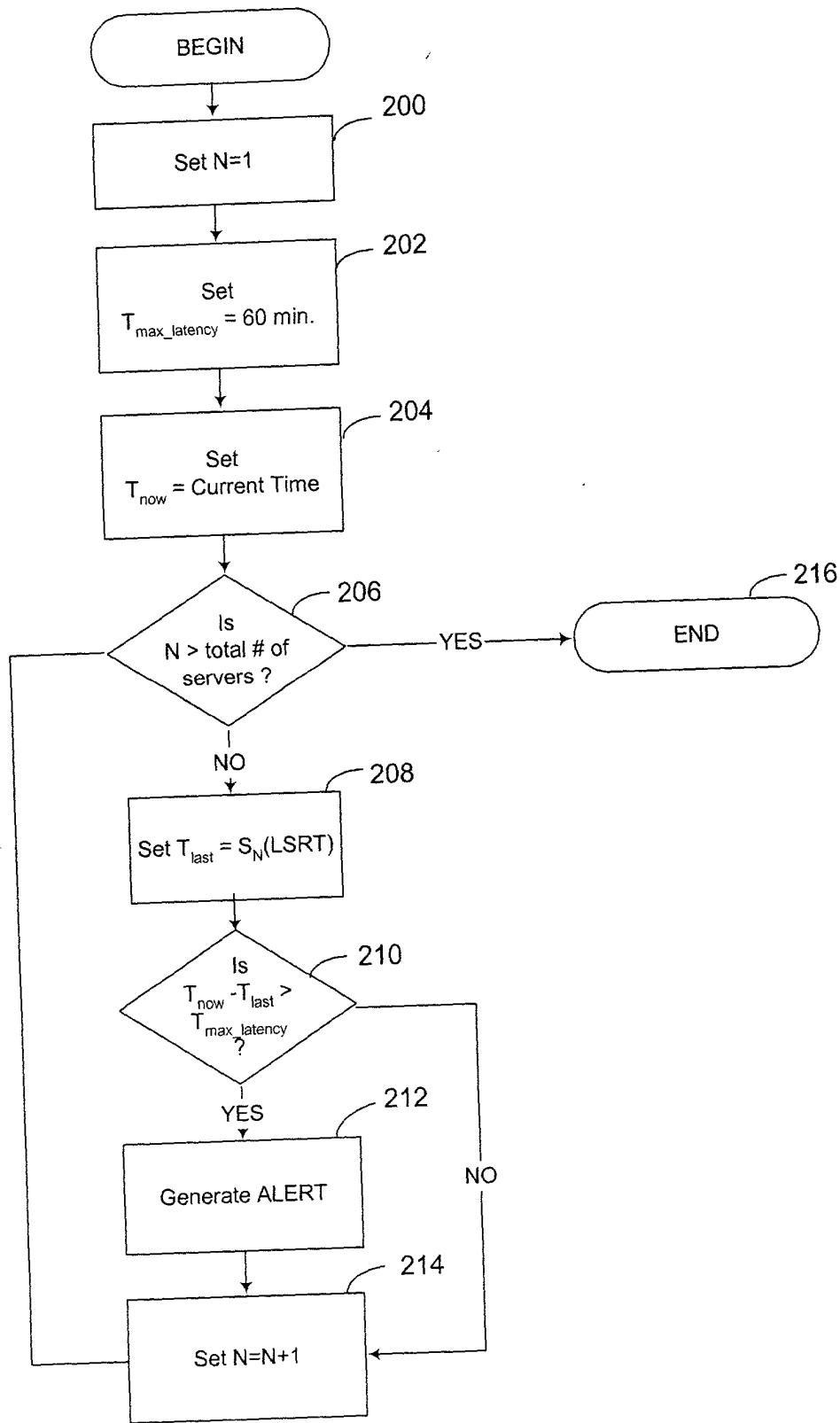


FIG. 7